Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cell organelles

**Complete this worksheet as you read section 2-3**

*Fill – in –the - blank*

1. All the life processes of a cell are controlled by the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. The three main parts of the cell are the nucleus, the cell membrane and the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. The cell membrane controls the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of materials into and out of a cell.
4. Most cell parts are located in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

*Short answer*

1. How are the cell membrane and the nuclear membrane similar?

**Complete this worksheet as you read section 2-4**

|  |  |  |
| --- | --- | --- |
| ***Organelle*** | ***Function / job*** | ***Analogy (this organelle is like…)*** |
| Nucleus |  |  |
|  | Structure that releases energy for a cell |  |
| Endoplasmic Reticulum |  |  |
|  | Most numerous organelle in a cell; it makes proteins |  |
| Golgi body |  |  |
|  | The storage space in a cell |  |
| Lysosome |  |  |

An organelle is a small structure in a cell that has a special job. Complete the table of organelles and their jobs.